Chief Patron
Prof. S. B. Mohanta,
Director, IGIT Sarang

Patron
Prof. S. Mishra,
HOD, CSEA Department

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Prof. M. Srinivas
Prof. S. Sethi

Organizing Committe
Prof. Sangita Pal
Prof. Sangram Keshari Nayak
Prof. Susanta kumar Sahoo
Prof. Suvendu kumar Jena
Prof. Subhendu Bhusan Rout
Prof. Anupama Sahu
Prof. Ramesh Kumar Sahoo
Prof. Supriya Lenka
Mr. Debraj Behera

Registration Form :
To complete the online registration, the participants need to fill the following google form.

https://forms.gle/anf8Si7HEScaQ6TM6

For Paper Submission :
hod.csea.igit@gmail.com

Important Dates :
Submission Date : - 15/10/2024
Notification of Acceptance : - 22/10/2024

CO-ORDINATORS

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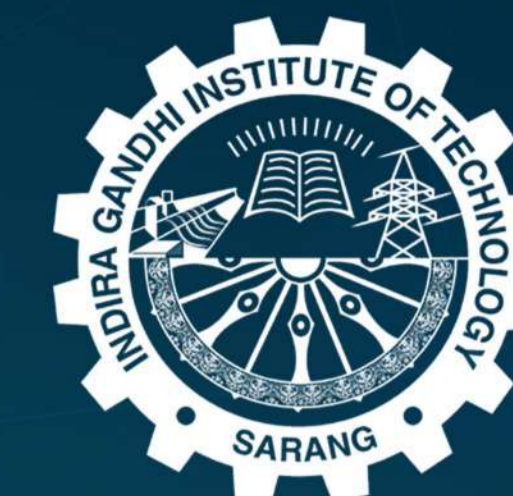Ph. No. - 7894241581

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2 - Day Student Seminar
On

RECENT TRENDS IN COMPUTER SCIENCE & TECHNOLOGY

(RTCST - 2024)
29th - 30th October 2024

Chairman
Prof. S. N. Mishra

Convenors
**Prof. P. B. Sahu
Prof. S. K. Patra**

Organized By :

Department of
Computer Science Engineering
&
Applications

Indira Gandhi Institute of Technology
Sarang, Odisha

ABOUT IGIT

Indira Gandhi Institute of Technology (IGIT), Sarang, was established in 1982 and was initially managed directly by the Government of Odisha under the name Odisha College of Engineering (OCE). Prior to this, since 1981, the institute operated as Modern Polytechnic (MPT), offering diploma courses in Civil, Electrical,Mechanical, and Mining Survey Engineering. In 1987, both OCE and MPT were merged and renamed IGIT, Sarang, with the management transferred to an autonomous society.

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING & APPLICATIONS

The Department of Computer Science Engineering And Applications at Indira Gandhi Institute of Technology (IGIT), Sarang, is a hub of academic excellence and innovation. Established in 1988, the department has grown to offer a comprehensive range of programs, including B.Tech, M.Tech, MCA, and Ph.D. Degrees.

The Computer Science Engineering And Applications Department at IGIT Sarang boasts state-of-the-art labs equipped with the latest technology, ensuring students gain hands-on experience. Our dedicated faculty members are experts in their fields, guiding students through cutting-edge research and innovation. With strong industry connections, our placement cell consistently secures top-tier job opportunities for graduates in leading companies worldwide.

VISION AND MISSION

Our vision is to be a leader in computer science education and research, fostering innovation and excellence. We aim to produce highly skilled professionals who contribute to technological advancements and meet the evolving demands of the industry.

THEME OF THE SEMINAR

Technology is evolving rapidly, driving faster change and innovation. IT professionals must adapt by continuously learning, unlearning, and relearning to stay relevant in this ever-changing landscape. Staying updated with emerging technologies and future trends is essential to secure stable jobs in the future.

In the 21st century, many technologies from the early 2000s have disappeared, replaced by newer innovations. By 2021, advancements in fields like computer science and engineering became more accessible. The global economy is expected to recover, with technology playing a key role. Mastering the right skills and technologies will be crucial for future success.

Students can boost their job prospects by researching current trends in computer science and IT. This seminar will highlight technologies like machine learning, information security, AI, cybersecurity, quantum computing, cloud computing, and more. New fields like generative AI, regenerative agritech, and ChatGPT are also gaining traction, though ChatGPT recently announced a 27% workforce reduction.

Participants are encouraged to engage, share ideas, and contribute suggestions that may impact the national tech landscape.

INVITED TALKS

The seminar mainly includes invited lectures on recent advances in AI and Data Analysis techniques. The invited lectures will be delivered by faculty members of National repute and experts from industry.

29TH OCTOBER

DR. BIJAY KUMAR SAHU
NRDC, GOVT. OF ODISHA

DR. APARNA PANDEY
IIT, BHUBANESWAR

30TH OCTOBER

DR. ANUP NANDY
NIT, ROURKELA

CONTENTS OF THE SEMINAR

1. AI, ML, & Deep Learning

2. Data Analysis & Data Science

3. Network & Communications

4. Robotics

5. Databases

6. Image Processing

7. Cloud Computing

8. Edge Computing

9. Black Chair Technology

10. IoT / IoE (Internet of Things / Internet of Everything)

11. Computational Healthcare Systems

12. Natural Language Processing